

For ALL TERRITORY

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THE EMPIRE DISTRICT ELECTRIC COMPANY d.b.a. LIBERTY

P.S.C. Mo. No. 6 Sec. A 1st Revised Sheet No. 1a

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THE EMPIRE DISTRICT ELECTRIC COMPANY d.b.a. LIBERTY

P.S.C. Mo. No. 6 Sec. 1 1st Revised Sheet No. 1

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For ALL TERRITORY

**RESIDENTIAL SERVICE  
SCHEDULE RG**

**AVAILABILITY:**

This schedule is available for residential service to single-family dwellings or to multi-family dwellings within a single building. This schedule is not available for service through a single meter to two or more separate buildings each containing one or more dwelling units.

**MONTHLY RATE:**

	Summer Season	Winter Season
Customer Access Charge .....	\$ 16.00	\$ 16.00
The first 600-kWh, per kWh.....	\$ 0.13564	\$ 0.13564
Additional kWh, per kWh.....	\$ 0.13564	\$ 0.10922

The Summer Season will be the first four monthly billing periods billed on and after June 16, and the Winter Season will be the remaining eight monthly billing periods of the calendar year.

**FUEL ADJUSTMENT CLAUSE:**

The above charges will be adjusted in an amount provided by the terms and provisions of the Fuel Adjustment Clause, Rider FAC.

**ENERGY EFFICIENCY COST RECOVERY:**

The above charges will be adjusted to include a charge of \$0.00045 per kWh on all customers who have not declined to participate in Company's energy efficiency programs under P.S.C. Rule 4 CSR 240-20.094(6).

**STORM URI COST RECOVERY:**

The above charges will be adjusted to include a charge of \$0.00708 per kWh.

**PAYMENT:**

Bills will be due on or before twenty-one (21) days after the date thereof. If not paid on or before the due date, a late payment charge of 0.5% on the unpaid balance will be applied.

**GROSS RECEIPTS, OCCUPATION OR FRANCHISE TAXES:**

There will be added to the Customer's bill, as a separate item, an amount equal to the proportionate part of any license, occupation, franchise, gross or other similar fee or tax now or hereafter imposed upon the Company by any municipality or any other governmental authority, whether imposed by ordinance, franchise, or otherwise, in which the fee or tax is based upon a flat sum payment, a percentage of gross receipts, net receipts, or revenues from the sale of electric service rendered by the Company to the Customer. When such tax or fee is imposed on the Company as a flat sum or sums, the proportionate amount applicable to each Customer's bill shall be determined by relating the annual total of such sum(s) to the Company's total annual revenue from the service provided by this tariff within the jurisdiction of the governmental body and the number of customers located within that jurisdiction. The amounts shall be converted to a fixed amount per customer, so that the amount, when accumulated from all customers within the geographic jurisdiction of the governmental body, will equal the amount of the flat sum(s). The fixed amount per customer shall be divided by 12 and applied to each monthly bill as a separate line item. The amount shall remain the same until the flat sum may be changed by the governmental body, in which case this process shall be adjusted to the new flat sum. The amount shall be modified prospectively by the Company anytime it appears, on an annual basis, that the Company is either over-collecting or under-collecting the amount of the flat sum(s) by more than five percent (5%) on an annual basis. Bills will be increased in the proportionate amount only in service areas where such tax or fee is applicable.

**CONDITIONS OF SERVICE:**

1. Voltage, phase and frequency of energy supplied will be as approved by the Company.
2. Service will be furnished for the sole use of the Customer and will not be resold, redistributed or submetered, directly or indirectly.
3. Service will be supplied through a single meter unless otherwise authorized by the Company. The point of delivery and location of the meter will be at the building wall unless otherwise specifically designated and approved in advance by the Company for each exception.
4. If this schedule is used for service through a single meter to multiple-family dwellings within a single building, each Customer charge and kWh block will be multiplied by the number of dwelling units served in calculating each month's bill.
5. Welding, X-ray, or other equipment characterized by severe or fluctuating demands, will not be served.
6. Intermittent or seasonal service will not be provided.
7. Bills for service will be rendered monthly. At the option of the Company, however, the meters may be read bimonthly with the bill for the alternate month based upon an estimated kWh consumption.
8. The Company Rules and Regulations, P.S.C. Mo. No. 5, Section 5, are a part of this schedule.

THE EMPIRE DISTRICT ELECTRIC COMPANY d.b.a. LIBERTY

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 For ALL TERRITORY

**RESIDENTIAL TIME-OF-USE SERVICE  
SCHEDULE RGT**

**AVAILABILITY:**

This optional schedule is available to existing or new residential customers in single-family dwellings or in multi-family dwellings within a single building served by an automated metering infrastructure (AMI) device. This schedule is not available for service through a single meter to two or more separate buildings each containing one or more dwelling units.

This schedule is limited to 500 residential customers. At the Company's discretion, this schedule will be expanded to include additional customers or opened to all customers in the Company's service territory.

Time of use periods are defined as follows:

Summer	June 1 through September 30	Winter	All other months
On-Peak	Mon-Fri, excluding holidays – 2pm to 7pm	On-Peak	Mon-Fri, excluding holidays – 6am to 9am, and 6pm to 9pm
Off-Peak	All hours not included in the On-Peak hours.	Off-Peak	All hours not included in the On-Peak hours.

**RATE:**

	Summer	Winter
Customer Access Charge	\$16.00	\$16.00
On-Peak, per kWh	\$0.29288	\$0.29288
Off-Peak, per kWh	\$0.08490	\$0.08490

**BASE FUEL PROVISIONS:**

The base cost of fuel included in the above rates is determined as follows:

	Summer	Winter
On-Peak, per kWh	\$0.01296	\$0.01296
Off-Peak, per kWh	\$0.00946	\$0.00946

**FUEL ADJUSTMENT CLAUSE:**

The above charges will be adjusted in an amount provided by the terms and provisions of the Fuel Adjustment Clause, Rider FAC.

**ENERGY EFFICIENCY COST RECOVERY:**

The above charges will be adjusted to include a charge of \$0.00045 per kWh on all customers who have not declined to participate in Company's energy efficiency programs under P.S.C. Rule 4 CSR 240-20.094(6).

**STORM URI COST RECOVERY:**

The above charges will be adjusted to include a charge of \$0.00708 per kWh.

**PAYMENT:**

Bills will be due on or before twenty-one (21) days after the date thereof. If not paid on or before the due date, a late payment charge of 0.5% on the unpaid balance will be applied.

**BEST BILL GUARANTEE:**

Within one month after receiving one year of service under this Schedule, the customer's total annual charges for Schedule RGT will be compared to the total annual charges computed as if the metered service taken under this Schedule would have been taken under Rate Schedule RG. If the amounts computed do not result in customer savings under Schedule RGT, the customer may choose to switch back to Rate Schedule RG and receive a onetime bill credit for the difference.

**GROSS RECEIPTS, OCCUPATION OR FRANCHISE TAXES:**

There will be added to the Customer's bill, as a separate item, an amount equal to the proportionate part of any license, occupation, franchise, gross or other similar fee or tax now or hereafter imposed upon the Company by any municipality or any other governmental authority, whether imposed by ordinance, franchise, or otherwise, in which the fee or tax is based upon a flat sum payment, a percentage of gross receipts, net receipts, or revenues from the sale of electric service rendered by the Company to the Customer. When such tax or fee is imposed on the Company as a flat sum or sums, the proportionate amount applicable to each Customer's bill shall be determined by relating the annual total of such sum(s) to the Company's total annual revenue from the

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For ALL TERRITORY

RESIDENTIAL TIME-OF-USE SERVICE SCHEDULE RGT
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service provided by this tariff within the jurisdiction of the governmental body and the number of customers located within that jurisdiction. The amounts shall be converted to a fixed amount per customer, so that the amount, when accumulated from all customers within the geographic jurisdiction of the governmental body, will equal the amount of the flat sum(s). The fixed amount per customer shall be divided by 12 and applied to each monthly bill as a separate line item. The amount shall remain the same until the flat sum may be changed by the governmental body, in which case this process shall be adjusted to the new flat sum. The amount shall be modified prospectively by the Company anytime it appears, on an annual basis, that the Company is either over-collecting or under-collecting the amount of the flat sum(s) by more than five percent (5%) on an annual basis. Bills will be increased in the proportionate amount only in service areas where such tax or fee is applicable.

CONDITIONS OF SERVICE:

1. Voltage, phase and frequency of energy supplied will be as approved by the Company.
2. Service will be furnished for the sole use of the Customer and will not be resold, redistributed or submetered, directly or indirectly.
3. Service will be supplied through a single meter unless otherwise authorized by the Company. The point of delivery and location of the meter will be at the building wall unless otherwise specifically designated and approved in advance by the Company for each exception.
4. Service is not eligible for master-metered operators.
5. Welding, X-ray, or other equipment characterized by severe or fluctuating demands, will not be served.
6. Intermittent or seasonal service will not be provided.
7. Bills for service will be rendered monthly. At the option of the Company, however, the meters may be read bimonthly with the bill for the alternate month based upon an estimated kWh consumption.
8. The Company Rules and Regulations, P.S.C. Mo. No. 5, Section 5, are a part of this schedule.

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For ALL TERRITORY

COMMERCIAL SERVICE  
SCHEDULE CB

AVAILABILITY:

This schedule is available to any general service customer on the lines of the Company whose electric load is not consistently in excess of 40 kW, except those, not otherwise allowed, who are conveying electric service received to others whose utilization of same is for residential purposes other than transient or seasonal. On and after the effective date of this tariff, multiple-family dwellings built prior to June 1, 1981 and metered by a single meter may elect to be served under this rate. Motels, hotels, inns, resorts, etc., and others who provide transient rooms and/or board service and/or provide service to dwellings on a transient or seasonal basis are not excluded from the use of this rate. The Company reserves the right to determine the applicability or the availability of this rate to any specific applicant for electric service.

MONTHLY RATE:

	Summer Season	Winter Season
Customer Access Charge.....	\$ 25.00	\$ 25.00
The first 700-kWh, per kWh.....	\$ 0.14318	\$ 0.14318
Additional kWh, per kWh.....	\$ 0.14318	\$ 0.12815

The Summer Season will be the first four monthly billing periods billed on and after June 16, and the Winter Season will be the remaining eight monthly billing periods of the calendar year.

FUEL ADJUSTMENT CLAUSE:

The above charges will be adjusted in an amount provided by the terms and provisions of the Fuel Adjustment Clause, Rider FAC.

ENERGY EFFICIENCY COST RECOVERY:

The above charges will be adjusted to include a charge of \$0.00045 per kWh on all customers who have not declined to participate in Company's energy efficiency programs under P.S.C. Rule 4 CSR 240-20.094(6).

STORM URI COST RECOVERY:

The above charges will be adjusted to include a charge of \$0.00708 per kWh.

PAYMENT:

Bills will be due on or before twenty-one (21) days after the date thereof. If not paid, the above rate plus 5% then applies.

GROSS RECEIPTS, OCCUPATION OR FRANCHISE TAXES:

There will be added to the Customer's bill, as a separate item, an amount equal to the proportionate part of any license, occupation, franchise, gross or other similar fee or tax now or hereafter imposed upon the Company by any municipality or any other governmental authority, whether imposed by ordinance, franchise, or otherwise, in which the fee or tax is based upon a flat sum payment, a percentage of gross receipts, net receipts, or revenues from the sale of electric service rendered by the Company to the Customer. When such tax or fee is imposed on the Company as a flat sum or sums, the proportionate amount applicable to each Customer's bill shall be determined by relating the annual total of such sum(s) to the Company's total annual revenue from the service provided by this tariff within the jurisdiction of the governmental body and the number of customers located within that jurisdiction. The amounts shall be converted to a fixed amount per customer, so that the amount, when accumulated from all customers within the geographic jurisdiction of the governmental body, will equal the amount of the flat sum(s). The fixed amount per customer shall be divided by 12 and applied to each monthly bill as a separate line item. The amount shall remain the same until the flat sum may be changed by the governmental body, in which case this process shall be adjusted to the new flat sum. The amount shall be modified prospectively by the Company anytime it appears, on an annual basis, that the Company is either over-collecting or under-collecting the amount of the flat sum(s) by more than five percent (5%) on an annual basis. Bills will be increased in the proportionate amount only in service areas where such tax or fee is applicable.

CONDITIONS OF SERVICE:

1. The voltage, phase and frequency of energy supplied will be as approved by the Company.
2. Service will be furnished for the sole use of the Customer and will not be resold, redistributed or submetered, directly or indirectly.
3. Service will be supplied through a single meter unless otherwise authorized by the Company. The point of delivery and location of the meter will be at the building wall unless otherwise specifically designated and approved in advance by the Company for each exception.
4. Where the Customer's use of welding, or other equipment characterized by fluctuating or severe demands, necessitates the installation of additional or increased facilities (including distribution transformers, service conductors or secondaries) solely to serve such Customer, the applicable provisions of Rider XC will apply in amendment to the provisions of this schedule.
5. Living quarters incidental to commercial or industrial operations in the same building will only be served together with these operations through a single meter and billed under this or other applicable commercial industrial rates. Living quarters detached from commercial or industrial buildings will only be served under applicable residential schedules.

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 For ALL TERRITORY

**COMMERCIAL TIME-OF-USE SERVICE  
 SCHEDULE CBT**

**AVAILABILITY:**

This optional schedule is available to existing general service customer on the lines of the Company whose electric load is not consistently in excess of 40 kW, except those, not otherwise allowed, who are conveying electric service received to others whose utilization of same is for residential purposes other than transient or seasonal, within a single building served by an automated metering infrastructure (AMI) device. Motels, hotels, inns, resorts, etc., and others who provide transient rooms and/or board service and/or provide service to dwellings on a transient or seasonal basis are not excluded from the use of this rate. The Company reserves the right to determine the applicability or the availability of this rate to any specific applicant for electric service.

This schedule is limited to the first 200 Commercial customers within the Joplin and Webb City Districts who request to be placed on this schedule. At the Company's discretion, this schedule will be expanded to include additional customers or opened to all customers in the Company's service territory.

Time of use periods are defined as follows:

Summer	June 1 through September 30	Winter	All other months
On-Peak	Mon-Fri, excluding holidays – 2pm to 7pm	On-Peak	Mon-Fri, excluding holidays – 6am to 9am, and 6pm to 9pm
Off-Peak	All hours not included in the On-Peak hours.	Off-Peak	All hours not included in the On-Peak hours.

**RATE:**

	Summer	Winter
Customer Access Charge	\$25.00	\$25.00
On-Peak, per kWh	\$0.33894	\$0.33894
Off-Peak, per kWh	\$0.08865	\$0.08865

**BASE FUEL PROVISIONS:**

The base cost of fuel included in the above rates is determined as follows:

	Summer	Winter
On-Peak, per kWh	\$0.01296	\$0.01296
Off-Peak, per kWh	\$0.00946	\$0.00946

**FUEL ADJUSTMENT CLAUSE:**

The above charges will be adjusted in an amount provided by the terms and provisions of the Fuel Adjustment Clause, Rider FAC.

**ENERGY EFFICIENCY COST RECOVERY:**

The above charges will be adjusted to include a charge of \$0.00045 per kWh on all customers who have not declined to participate in Company's energy efficiency programs under P.S.C. Rule 4 CSR 240-20.094(6).

**STORM URI COST RECOVERY:**

The above charges will be adjusted to include a charge of \$0.00708 per kWh.

**PAYMENT:**

Bills will be due on or before twenty-one (21) days after the date thereof. If not paid, the above rate plus 5% then applies.

**BEST BILL GUARANTEE:**

Within one month after receiving one year of service under this Schedule, the customer's total annual charges for Schedule CBT will be compared to the total annual charges computed as if the metered service taken under this Schedule would have been taken under Rate Schedule CB. If the amounts computed do not result in customer savings under Schedule CBT, the customer will receive a one-time bill credit for the difference in the comparative rates. Following the first year of service under this Schedule the customer may choose to continue to receive service under this schedule without the best bill guarantee provision.

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For ALL TERRITORY

COMMERCIAL TIME-OF-USE SERVICE SCHEDULE CBT
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GROSS RECEIPTS, OCCUPATION OR FRANCHISE TAXES:

There will be added to the Customer's bill, as a separate item, an amount equal to the proportionate part of any license, occupation, franchise, gross or other similar fee or tax now or hereafter imposed upon the Company by any municipality or any other governmental authority, whether imposed by ordinance, franchise, or otherwise, in which the fee or tax is based upon a flat sum payment, a percentage of gross receipts, net receipts, or revenues from the sale of electric service rendered by the Company to the Customer. When such tax or fee is imposed on the Company as a flat sum or sums, the proportionate amount applicable to each Customer's bill shall be determined by relating the annual total of such sum(s) to the Company's total annual revenue from the service provided by this tariff within the jurisdiction of the governmental body and the number of customers located within that jurisdiction. The amounts shall be converted to a fixed amount per customer, so that the amount, when accumulated from all customers within the geographic jurisdiction of the governmental body, will equal the amount of the flat sum(s). The fixed amount per customer shall be divided by 12 and applied to each monthly bill as a separate line item. The amount shall remain the same until the flat sum may be changed by the governmental body, in which case this process shall be adjusted to the new flat sum. The amount shall be modified prospectively by the Company anytime it appears, on an annual basis, that the Company is either over-collecting or under-collecting the amount of the flat sum(s) by more than five percent (5%) on an annual basis. Bills will be increased in the proportionate amount only in service areas where such tax or fee is applicable.

CONDITIONS OF SERVICE:

1. The voltage, phase and frequency of energy supplied will be as approved by the Company.
2. Service will be furnished for the sole use of the Customer and will not be resold, redistributed or submetered, directly or indirectly.
3. Service will be supplied through a single meter unless otherwise authorized by the Company. The point of delivery and location of the meter will be at the building wall unless otherwise specifically designated and approved in advance by the Company for each exception.
4. Where the Customer's use of welding, or other equipment characterized by fluctuating or severe demands, necessitates the installation of additional or increased facilities (including distribution transformers, service conductors or secondaries) solely to serve such Customer, the applicable provisions of Rider XC will apply in amendment to the provisions of this schedule.
5. Living quarters incidental to commercial or industrial operations in the same building will only be served together with these operations through a single meter and billed under this or other applicable commercial industrial rates. Living quarters detached from commercial or industrial buildings will only be served under applicable residential schedules.

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For ALL TERRITORY

**SMALL HEATING SERVICE  
SCHEDULE SH**

**AVAILABILITY:**

This schedule is available to any general service customer on the lines of the Company whose average load is not consistently in excess of 40 kW during the Summer Season and where the electric service supplied is the only source of energy at the service location and the customer permanently installs and regularly uses electric space-heating equipment for all internal space-heating comfort requirements. However, this schedule is not available to those who are conveying electric service received to others whose utilization of same is for residential purposes other than transient or seasonal. Motels, hotels, inns, resorts, etc., and others who provide transient rooms and/or board service and/or provide service to dwellings on a transient or seasonal basis are not excluded from the use of this rate. The Company reserves the right to determine the applicability or the availability of this rate to any specific applicant for electric service.

**MONTHLY RATE:**

	Summer Season	Winter Season
Customer Access Charge .....	\$ 25.00	\$ 25.00
The first 700-kWh, per kWh.....	\$ 0.14053	\$ 0.14053
Additional kWh, per kWh.....	\$ 0.14053	\$ 0.10360

The Summer Season will be the first four monthly billing periods billed on and after June 16, and the Winter Season will be the remaining eight monthly billing periods of the calendar year.

**FUEL ADJUSTMENT CLAUSE:**

The above charges will be adjusted in an amount provided by the terms and provisions of the Fuel Adjustment Clause, Rider FAC.

**ENERGY EFFICIENCY COST RECOVERY:**

The above charges will be adjusted to include a charge of \$0.00045 per kWh on all customers who have not declined to participate in Company's energy efficiency programs under P.S.C. Rule 4 CSR 240-20.094(6).

**STORM URI COST RECOVERY:**

The above charges will be adjusted to include a charge of \$0.00708 per kWh.

**PAYMENT:**

Bills will be due on or before twenty-one (21) days after the date thereof. If not paid, the above rate plus 5% then applies.

**GROSS RECEIPTS, OCCUPATION OR FRANCHISE TAXES:**

There will be added to the Customer's bill, as a separate item, an amount equal to the proportionate part of any license, occupation, franchise, gross or other similar fee or tax now or hereafter imposed upon the Company by any municipality or any other governmental authority, whether imposed by ordinance, franchise, or otherwise, in which the fee or tax is based upon a flat sum payment, a percentage of gross receipts, net receipts, or revenues from the sale of electric service rendered by the Company to the Customer. When such tax or fee is imposed on the Company as a flat sum or sums, the proportionate amount applicable to each Customer's bill shall be determined by relating the annual total of such sum(s) to the Company's total annual revenue from the service provided by this tariff within the jurisdiction of the governmental body and the number of customers located within that jurisdiction. The amounts shall be converted to a fixed amount per customer, so that the amount, when accumulated from all customers within the geographic jurisdiction of the governmental body, will equal the amount of the flat sum(s). The fixed amount per customer shall be divided by 12 and applied to each monthly bill as a separate line item. The amount shall remain the same until the flat sum may be changed by the governmental body, in which case this process shall be adjusted to the new flat sum. The amount shall be modified prospectively by the Company anytime it appears, on an annual basis, that the Company is either over-collecting or under-collecting the amount of the flat sum(s) by more than five percent (5%) on an annual basis. Bills will be increased in the proportionate amount only in service areas where such tax or fee is applicable.

**CONDITIONS OF SERVICE:**

1. The voltage, phase and frequency of energy supplied will be as approved by the Company.
2. Service will be furnished for the sole use of the Customer and will not be resold, redistributed or submetered, directly or indirectly.
3. Service will be supplied through a single meter unless otherwise authorized by the Company. The point of delivery and location of the meter will be at the building wall unless otherwise specifically designated and approved in advance by the Company for each exception.
4. Where the Customer's use of welding, or other equipment characterized by fluctuating or severe demands, necessitates the installation of additional or increased facilities (including distribution transformers, service conductors or secondaries) solely to serve such Customer, the applicable provisions of Rider XC will apply in amendment to the provisions of this schedule.

THE EMPIRE DISTRICT ELECTRIC COMPANY d.b.a. LIBERTY

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For ALL TERRITORY

**GENERAL POWER SERVICE  
SCHEDULE GP**

**AVAILABILITY:**

This schedule is available for electric service to any general service Customer except those who are conveying electric service received to others whose utilization of same is purely for residential purposes other than transient or seasonal. Motels, hotels, inns, resorts, etc., and others who provide transient rooms and board service or room service and/or provide service to dwellings on a transient or seasonal basis are not excluded from the use of this rate. The Company reserves the right to determine the applicability or the availability of this rate to any specific applicant for electric service.

MONTHLY RATE:	Summer Season	Winter Season
CUSTOMER ACCESS CHARGE.....	\$ 80.00	\$ 80.00
DEMAND CHARGE:		
Per kW of Billing Demand .....	\$ 8.13	\$ 6.33
FACILITIES CHARGE		
per kW of Facilities Demand.....	\$ 2.29	\$ 2.29
ENERGY CHARGE:		
First 150 hours use of Metered Demand, per kWh .....	\$ 0.09637	\$ 0.08274
Next 200 hours use of Metered Demand, per kWh .....	\$ 0.07477	\$ 0.06737
All additional kWh, per kWh.....	\$ 0.06713	\$ 0.06681

The Summer Season will be the first four monthly billing periods billed on and after June 16, and the Winter Season will be the remaining eight monthly billing periods of the calendar year. If an interval data recorder is required for billing purposes, the Customer Charge will be \$248.77.

**FUEL ADJUSTMENT CLAUSE:**

The above charges will be adjusted in an amount provided by the terms and provisions of the Fuel Adjustment Clause, Rider FAC.

**ENERGY EFFICIENCY COST RECOVERY:**

The above charges will be adjusted to include a charge of \$0.00045 per kWh on all customers who have not declined to participate in Company's energy efficiency programs under P.S.C. Rule 4 CSR 240-20.094(6).

**STORM URI COST RECOVERY:**

The above charges will be adjusted to include a charge of \$0.00708 per kWh.

**DETERMINATION OF BILLING DEMAND:**

The monthly Metered Demand will be determined from the highest fifteen minute integrated kilowatt demand registered during the month by a suitable demand meter. The monthly Billing Demand will be the monthly Metered Demand or 40 kW, whichever is greater.

**DETERMINATION OF MONTHLY FACILITIES DEMAND:**

The monthly Facilities Demand will be determined by a comparison of the current month's metered demand and the metered demand recorded in each of the previous 11 months. If there are less than 11 previous months of data, all available data from previous months will be used. The monthly Facilities Demand will be the maximum demand as determined by this comparison or 40 kW, whichever is greater.

**TRANSFORMER OWNERSHIP:**

Where the Customer supplies all facilities (other than metering equipment) for utilization of service at the voltage of the Company's primary line feeding to such location, a reduction of \$0.355 per kW will apply to the Facilities Charge.

**METERING ADJUSTMENT:**

The above rate applies for service metered at secondary voltage. Where service is metered at the voltage of the primary line feeding to such location, metered kilowatts and kilowatt-hours will be reduced prior to billing by multiplying metered kilowatts and kilowatt-hours by 0.9806.

**MINIMUM MONTHLY BILL:**

During any month in which service is rendered, the minimum monthly bill will be the Customer Charge plus the Demand Charge plus the Facilities Charge.

**PAYMENT:**

The above rate applies only if the bill is paid on or before fourteen (14) days after the date thereof. If not so paid, the above rate plus 5% then applies.

THE EMPIRE DISTRICT ELECTRIC COMPANY d.b.a. LIBERTY

P.S.C. Mo. No. 6 Sec. 2 1st Revised Sheet No. 4

Canceling P.S.C. Mo. No. 6 Sec. 2 Original Sheet No. \_\_\_\_\_

For ALL TERRITORY

**LARGE POWER SERVICE  
SCHEDULE LP**

**AVAILABILITY:**

This schedule is available for electric service to any general service Customer except those who are conveying electric service received to others whose utilization of same is for residential purposes other than transient or seasonal. Motels, hotels, inns, resorts, etc., and others who provide transient room and board service or room service and/or provide service to dwellings on a transient or seasonal basis are not excluded from the use of this rate. The Company reserves the right to determine the applicability or the availability of this rate to any specific applicant for electric service.

**MONTHLY RATE:**

	Summer Season	Winter Season
CUSTOMER ACCESS CHARGE.....	\$ 325.00	\$ 325.00
<b>DEMAND CHARGE:</b>		
Per kW of Billing Demand.....	\$ 18.56	\$ 10.24
<b>FACILITIES CHARGE</b>		
per kW of Facilities Demand.....	\$ 1.88	\$ 1.88
<b>ENERGY CHARGE:</b>		
First 350 hours use of Metered Demand, per kWh.....	\$ 0.06543	\$ 0.05778
All additional kWh, per kWh.....	\$ 0.05293	\$ 0.04528

The Summer Season will be the first four monthly billing periods billed on and after June 16, and the Winter Season will be the remaining eight monthly billing periods of the calendar year.

To be eligible for this schedule, the customer agrees to provide, at the Customer's expense, an analog telephone line to the metering location(s), for use by the Company to retrieve interval metering data for billing and load research purposes. This telephone line must be available to the Company between the hours of midnight and 6:00am each day.

**FUEL ADJUSTMENT CLAUSE:**

The above charges will be adjusted in an amount provided by the terms and provisions of the Fuel Adjustment Clause, Rider FAC.

**ENERGY EFFICIENCY COST RECOVERY:**

The above charges will be adjusted to include a charge of \$0.00045 per kWh on all customers who have not declined to participate in Company's energy efficiency programs under P.S.C. Rule 4 CSR 240-20.094(6).

**STORM URI COST RECOVERY:**

The above charges will be adjusted to include a charge of \$0.00708 per kWh.

**DETERMINATION OF BILLING DEMAND:**

The monthly Metered Demand will be determined from the highest fifteen minute integrated kilowatt demand registered during the month by a suitable demand meter. The monthly Billing Demand will be the monthly Metered Demand, or 1000 kW, whichever is greater.

**DETERMINATION OF MONTHLY FACILITIES DEMAND:**

The monthly Facilities Demand will be determined by a comparison of the current month's metered demand and the metered demand recorded in each of the previous 11 months. If there are less than 11 previous months of data, all available data from previous months will be used. The monthly Facilities Demand will be the maximum demand as determined by this comparison or 1000 kW, whichever is greater.

**TRANSFORMER OWNERSHIP:**

If the Company supplies a standard transformer and secondary facilities, a secondary facility charge of \$0.385 per kW of facilities demand will apply, otherwise, Rider XC will apply, unless Customer supplies their own secondary facilities.

**SUBSTATION FACILITIES CREDIT:**

The above facilities charge does not apply if the stepdown-substation and transformer are owned by the Customer.

**METERING ADJUSTMENT:**

The above rate applies for service metered at primary voltage. Where service is metered at secondary voltage, metered kilowatts and kilowatt-hours will be increased prior to billing by multiplying metered kilowatts and kilowatt-hours by 1.0237.

Where service is metered at transmission voltage, metered kilowatts and kilowatt-hours will be reduced prior to billing by multiplying kilowatts and kilowatt-hours by 0.9756.

THE EMPIRE DISTRICT ELECTRIC COMPANY d.b.a. LIBERTY

P.S.C. Mo. No. 6 Sec. 2 Original Sheet No. 4b  
 Cancelling P.S.C. Mo. No. \_\_\_\_\_ Sec. \_\_\_\_\_ Original Sheet No. \_\_\_\_\_  
 For ALL TERRITORY

**LARGE POWER TIME-OF-USE SERVICE  
SCHEDULE LPT**

**AVAILABILITY:**

This schedule is available for electric service to a general service Customer served by an automated metering infrastructure (AMI) device except those who are conveying electric service received to others whose utilization of same is for residential purposes other than transient or seasonal. Motels, hotels, inns, resorts, etc., and others who provide transient room and board service or room service and/or provide service to dwellings on a transient or seasonal basis are not excluded from the use of this rate. The Company reserves the right to determine the applicability or the availability of this rate to any specific applicant for electric service.

This schedule is limited to 3 Large Power customers who request to be placed on this schedule who have a maximum demand of 5 MW or greater during the 12 months prior to the effective date of this schedule. At the Company's discretion, this schedule will be expanded to include additional customers or opened to all customers in the Company's service territory.

Time of use periods are defined as follows:

Summer	June 1 through September 30	Winter	All other months
On-Peak	Mon-Fri, excluding holidays – 2pm to 7pm	On-Peak	Mon-Fri, excluding holidays – 6am to 9am, and 6pm to 9pm
Off-Peak	All hours not included in the On-Peak hours.	Off-Peak	All hours not included in the On-Peak hours.

**RATE:**

	Summer	Winter
Customer Access Charge	\$325.00	\$325.00
Demand Charge, per kW of On-Peak Billing Demand	\$24.21	\$15.87
Facility Charge, per kW of Facilities Demand	\$1.88	\$1.88
On-Peak, per kWh	\$0.06439	\$0.05604
Off-Peak, per kWh	\$0.04245	\$0.04245

**BASE FUEL PROVISIONS:**

The base cost of fuel included in the above rates is determined as follows:

	Summer	Winter
On-Peak, per kWh	\$0.01296	\$0.01296
Off-Peak, per kWh	\$0.00946	\$0.00946

**FUEL ADJUSTMENT CLAUSE:**

The above charges will be adjusted in an amount provided by the terms and provisions of the Fuel Adjustment Clause, Rider FAC.

**ENERGY EFFICIENCY COST RECOVERY:**

The above charges will be adjusted to include a charge of \$0.00045 per kWh on all customers who have not declined to participate in Company's energy efficiency programs under P.S.C. Rule 4 CSR 240-20.094(6).

**STORM URI COST RECOVERY:**

The above charges will be adjusted to include a charge of \$0.00708 per kWh.

**DETERMINATION OF ON-PEAK BILLING DEMAND:**

The monthly On-Peak Metered Demand will be determined from the highest fifteen minute integrated kilowatt demand registered during the On-Peak Period within the billing month by a suitable demand meter. The monthly On-Peak Billing Demand will be the monthly On-Peak Metered Demand, or 1000 kW, whichever is greater.

**DETERMINATION OF MONTHLY FACILITIES DEMAND:**

The monthly Facilities Demand will be determined by a comparison of the current month's metered demand and the metered demand recorded in each of the previous 11 months. If there are less than 11 previous months of data, all available data from previous months will be used. The monthly Facilities Demand will be the maximum demand as determined by this comparison or 1000 kW, whichever is greater.

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DATE OF ISSUE May 28, 2021 DATE EFFECTIVE June 27, 2021

ISSUED BY Tim Wilson, Vice President, Electric Operations, Joplin, MO

THE EMPIRE DISTRICT ELECTRIC COMPANY d.b.a. LIBERTY

P.S.C. Mo. No. 6 Sec. 2 Original Sheet No. 4c  
Cancelling P.S.C. Mo. No. \_\_\_\_\_ Sec. \_\_\_\_\_ Original Sheet No. \_\_\_\_\_  
For ALL TERRITORY

LARGE POWER TIME-OF-USE SERVICE  
SCHEDULE LPT

**TRANSFORMER OWNERSHIP:**

If the Company supplies a standard transformer and secondary facilities, a secondary facility charge of \$0.385 per kW of facilities demand will apply, otherwise, Rider XC will apply, unless Customer supplies their own secondary facilities.

**SUBSTATION FACILITIES CREDIT:**

The above facilities charge does not apply if the stepdown-substation and transformer are owned by the Customer.

**METERING ADJUSTMENT:**

The above rate applies for service metered at primary voltage. Where service is metered at secondary voltage, metered kilowatts and kilowatt-hours will be increased prior to billing by multiplying metered kilowatts and kilowatt-hours by 1.0237.

Where service is metered at transmission voltage, metered kilowatts and kilowatt-hours will be reduced prior to billing by multiplying kilowatts and kilowatt-hours by 0.9756.

**MINIMUM MONTHLY BILL:**

During any month in which service is rendered, the minimum monthly bill will be the Customer Charge plus the Demand Charge plus the Facilities Charge.

**PAYMENT:**

The above rate applies only if the bill is paid on or before fourteen (14) days after the date thereof. If not so paid, the above rate plus 5% then applies.

**BEST BILL GUARANTEE:**

Within one month after receiving one year of service under this Schedule, the customer's total annual charges for Schedule LPT will be compared to the total annual charges computed as if the metered service taken under this Schedule would have been taken under Rate Schedule LP. If the amounts computed do not result in customer savings under Schedule LPT, the customer may choose to switch back to Rate Schedule LP and receive a onetime bill credit for the difference.

**GROSS RECEIPTS, OCCUPATION OR FRANCHISE TAXES:**

There will be added to the Customer's bill, as a separate item, an amount equal to the proportionate part of any license, occupation, franchise, gross or other similar fee or tax now or hereafter imposed upon the Company by any municipality or any other governmental authority, whether imposed by ordinance, franchise, or otherwise, in which the fee or tax is based upon a flat sum payment, a percentage of gross receipts, net receipts, or revenues from the sale of electric service rendered by the Company to the Customer. When such tax or fee is imposed on the Company as a flat sum or sums, the proportionate amount applicable to each Customer's bill shall be determined by relating the annual total of such sum(s) to the Company's total annual revenue from the service provided by this tariff within the jurisdiction of the governmental body and the number of customers located within that jurisdiction. The amounts shall be converted to a fixed amount per customer, so that the amount, when accumulated from all customers within the geographic jurisdiction of the governmental body, will equal the amount of the flat sum(s). The fixed amount per customer shall be divided by 12 and applied to each monthly bill as a separate line item. The amount shall remain the same until the flat sum may be changed by the governmental body, in which case this process shall be adjusted to the new flat sum. The amount shall be modified prospectively by the Company anytime it appears, on an annual basis, that the Company is either over-collecting or under-collecting the amount of the flat sum(s) by more than five percent (5%) on an annual basis. Bills will be increased in the proportionate amount only in service areas where such tax or fee is applicable.

**CONDITIONS OF SERVICE:**

1. Voltage, phase and frequency of service will be as approved by the Company.
2. More than one class of service, as to character of voltage, phase or frequency, if separately metered, will not be combined for billing.
3. Service will be supplied through a single meter unless otherwise authorized by the Company. The point of delivery and location of the meter will be at the building wall unless otherwise specifically designated and approved in advance by the Company for each exception.
4. Service will be furnished for the sole use of the Customer and will not be resold, redistributed or submetered, directly or indirectly.
5. The term of service will not be less than one (1) year. Intermittent or seasonal service will not be provided.
6. Bills for service will be rendered monthly.
7. The Company Rules and Regulations, P.S.C. Mo. No. 5, Section 5, are a part of this schedule.

DATE OF ISSUE May 28, 2021 DATE EFFECTIVE June 27, 2021

ISSUED BY Tim Wilson, Vice President, Electric Operations, Joplin, MO

THE EMPIRE DISTRICT ELECTRIC COMPANY d.b.a. LIBERTY

P.S.C. Mo. No. 6 Sec. 2 1st Revised Sheet No. 6

Canceling P.S.C. Mo. No. 6 Sec. 2 Original Sheet No. \_\_\_\_\_

For ALL TERRITORY

**FEED MILL AND GRAIN ELEVATOR SERVICE  
SCHEDULE PFM**

**AVAILABILITY:**

This schedule is available for electric service to any custom feed mill or grain elevator.

**MONTHLY RATE:**

	Summer Season	Winter Season
Customer Access Charge.....	\$ 28.50	\$ 28.50
The first 700-kWh, per kWh.....	\$ 0.19731	\$ 0.19731
Additional kWh, per kWh.....	\$ 0.19731	\$ 0.17867

The Summer Season will be the first four monthly billing periods billed on and after June 16, and the Winter Season will be the remaining eight monthly billing periods of the calendar year.

**PAYMENT:**

The above rate applies only if the bill is paid on or before twenty-one (21) days after the date thereof. If not so paid, the above rate plus 5% then applies.

**FUEL ADJUSTMENT CLAUSE:**

The above charges will be adjusted in an amount provided by the terms and provisions of the Fuel Adjustment Clause, Rider FAC.

**ENERGY EFFICIENCY COST RECOVERY:**

The above charges will be adjusted to include a charge of \$0.00045 per kWh on all customers who have not declined to participate in Company's energy efficiency programs under P.S.C. Rule 4 CSR 240-20.094(6).

**STORM URI COST RECOVERY:**

The above charges will be adjusted to include a charge of \$0.00708 per kWh.

**GROSS RECEIPTS, OCCUPATION OR FRANCHISE TAXES:**

There will be added to the Customer's bill, as a separate item, an amount equal to the proportionate part of any license, occupation, franchise, gross or other similar fee or tax now or hereafter imposed upon the Company by any municipality or any other governmental authority, whether imposed by ordinance, franchise, or otherwise, in which the fee or tax is based upon a flat sum payment, a percentage of gross receipts, net receipts, or revenues from the sale of electric service rendered by the Company to the Customer. When such tax or fee is imposed on the Company as a flat sum or sums, the proportionate amount applicable to each Customer's bill shall be determined by relating the annual total of such sum(s) to the Company's total annual revenue from the service provided by this tariff within the jurisdiction of the governmental body and the number of customers located within that jurisdiction. The amounts shall be converted to a fixed amount per customer, so that the amount, when accumulated from all customers within the geographic jurisdiction of the governmental body, will equal the amount of the flat sum(s). The fixed amount per customer shall be divided by 12 and applied to each monthly bill as a separate line item. The amount shall remain the same until the flat sum may be changed by the governmental body, in which case this process shall be adjusted to the new flat sum. The amount shall be modified prospectively by the Company anytime it appears, on an annual basis, that the Company is either over-collecting or under-collecting the amount of the flat sum(s) by more than five percent (5%) on an annual basis. Bills will be increased in the proportionate amount only in service areas where such tax or fee is applicable.

**CONDITIONS OF SERVICE:**

1. The voltage, phase and frequency of energy supplied will be as approved by the Company.
2. Service will be supplied through a single meter unless otherwise authorized by the Company. The point of delivery and location of the meter will be at the building wall unless otherwise specifically designated and approved in advance by the Company for each exception.
3. Service will be furnished for the sole use of the Customer and will not be resold, redistributed or submetered, directly or indirectly.
4. The term of service will not be less than one (1) year. Intermittent or seasonal service will not be provided.
5. Bills for service will be rendered monthly.
6. The Company Rules and Regulations, P.S.C. Mo. No. 5, Section 5, are a part of this schedule.
7. No new customers will be accepted on this rate.

THE EMPIRE DISTRICT ELECTRIC COMPANY d.b.a. LIBERTY

P.S.C. Mo. No. 6 Sec. 2 1st Revised Sheet No. 7

Canceling P.S.C. Mo. No. 6 Sec. 2 Original Sheet No. \_\_\_\_\_

For ALL TERRITORY

**TOTAL ELECTRIC BUILDING SERVICE  
SCHEDULE TEB**

**AVAILABILITY:**

This schedule is available to any general services customers on the lines of the Company for total electric service except those customers who are conveying electric service to others whose utilization of the same is for residential purposes other than transient or seasonal. Motels, hotels, inns, etc., and others who provide transient room and/or room and board service and/or provide service to dwellings on a transient or seasonal basis are not excluded from the use of this rate. The Company reserves the right to determine the applicability or the availability of this rate to any specific applicant for electric service.

**MONTHLY RATE:**

	Summer Season	Winter Season
CUSTOMER ACCESS CHARGE.....	\$ 72.00	\$ 72.00
<b>DEMAND CHARGE:</b>		
Per kW of Billing Demand .....	\$ 3.89	\$ 3.20
<b>FACILITIES CHARGE</b>		
per kW of Facilities Demand.....	\$ 2.37	\$ 2.37
<b>ENERGY CHARGE:</b>		
First 150 hours use of Metered Demand, per kWh .....	\$ 0.11607	\$ 0.08769
Next 200 hours use of Metered Demand, per kWh .....	\$ 0.08992	\$ 0.07022
All additional kWh, per kWh.....	\$ 0.08091	\$ 0.06881

The Summer Season will be the first four monthly billing periods billed on and after June 16, and the Winter Season will be the remaining eight monthly billing periods of the calendar year. If an interval data recorder is required for billing purposes, the Customer Charge will be \$248.77.

**FUEL ADJUSTMENT CLAUSE:**

The above charges will be adjusted in an amount provided by the terms and provisions of the Fuel Adjustment Clause, Rider FAC.

**ENERGY EFFICIENCY COST RECOVERY:**

The above charges will be adjusted to include a charge of \$0.00045 per kWh on all customers who have not declined to participate in Company's energy efficiency programs under P.S.C. Rule 4 CSR 240-20.094(6).

**STORM URI COST RECOVERY:**

The above charges will be adjusted to include a charge of \$0.00708 per kWh.

**DETERMINATION OF BILLING DEMAND:**

The monthly Metered Demand will be determined from the highest fifteen minute integrated kilowatt demand registered during the month by a suitable demand meter. The monthly Billing Demand will be the monthly Metered Demand or 40 kW, whichever is greater.

**DETERMINATION OF MONTHLY FACILITIES DEMAND:**

The monthly Facilities Demand will be determined by a comparison of the current month's metered demand and the metered demand recorded in each of the previous 11 months. If there are less than 11 previous months of data, all available data from previous months will be used. The monthly Facilities Demand will be the maximum demand as determined by this comparison or 40 kW, whichever is greater.

**TRANSFORMER OWNERSHIP:**

Where the Customer supplies all facilities (other than metering equipment) for utilization of service at the voltage of the Company's primary line feeding to such location, a reduction of \$0.355 per kW will apply to the Facilities charge.

**METERING ADJUSTMENT:**

The above rate applies for service metered at secondary voltage. Where service is metered at the voltage of the primary line feeding to such location, metered kilowatts and kilowatt-hours will be reduced prior to billing by multiplying metered kilowatts and kilowatt-hours by 0.9806.

**MINIMUM MONTHLY BILL:**

During any month in which service is rendered, the minimum monthly bill will be the Customer charge plus the demand charge plus the Facilities Charge.

**PAYMENT:**

The above rate applies only if the bill is paid on or before fourteen (14) days after the date thereof. If not so paid, the above rate plus 5% then applies.

THE EMPIRE DISTRICT ELECTRIC COMPANY d.b.a. LIBERTY

P.S.C. Mo. No. 6 Sec. 2 1st Revised Sheet No. 9

Canceling P.S.C. Mo. No. 6 Sec. 2 Original Sheet No. 9

For ALL TERRITORY

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Reserved For Future Use



THE EMPIRE DISTRICT ELECTRIC COMPANY d.b.a. LIBERTY

P.S.C. Mo. No. 6 Sec. 2 1st Revised Sheet No. 9a

Canceling P.S.C. Mo. No. 6 Sec. 2 Original Sheet No. 9a

For ALL TERRITORY

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Reserved For Future Use

THE EMPIRE DISTRICT ELECTRIC COMPANY d.b.a. LIBERTY

P.S.C. Mo. No. 6 Sec. 2 1st Revised Sheet No. 9b

Canceling P.S.C. Mo. No. 6 Sec. 2 Original Sheet No. 9b

For ALL TERRITORY

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THE EMPIRE DISTRICT ELECTRIC COMPANY d.b.a. LIBERTY

P.S.C. Mo. No. 6 Sec. 2 1st Revised Sheet No. 13

Canceling P.S.C. Mo. No. 6 Sec. 2 Original Sheet No. 13

For ALL TERRITORY

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Reserved For Future Use

THE EMPIRE DISTRICT ELECTRIC COMPANY d.b.a LIBERTY

P.S.C. Mo. No. 6 Sec. 2 1st Revised Sheet No. 14

Canceling P.S.C. Mo. No. 6 Sec. 2 Original Sheet No. 14

For ALL TERRITORY

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RESERVED FOR FUTURE USE

THE EMPIRE DISTRICT ELECTRIC COMPANY d.b.a. LIBERTY

P.S.C. Mo. No. 6 Sec. 3 1st Revised Sheet No. 1

Canceling P.S.C. Mo. No. 6 Sec. 3 Original Sheet No. \_\_\_\_\_

For ALL TERRITORY

**MUNICIPAL STREET LIGHTING SERVICE  
SCHEDULE SPL**

**AVAILABILITY:**

This schedule is available to municipalities served by the Company under the provisions of an Electric Franchise having an original term of not less than ten (10) years, for outdoor lighting for streets, alleys, parks and public places under the provisions of the Company's standard Municipal Electric Service Agreement, having an original term of not less than two (2) years.

ANNUAL STREET LIGHTING CHARGE:	Annual Charge Per Lamp	Annual kWh	Watts
Incandescent Lamp Sizes (No New Installation Allowed)			
4,000 lumen .....	\$ 73.96	1,088	
Mercury-Vapor Lamp Sizes:			
7,000 lumen .....	100.43	784	175
11,000 lumen .....	120.54	1,186	250
20,000 lumen .....	172.57	1,868	400
53,000 lumen .....	291.15	4,475	1000
High-Pressure Sodium-Vapor Lamp Sizes (Lucalox, etc.):			
6,000 lumen .....	94.11	374	70
16,000 lumen .....	117.81	694	150
27,500 lumen .....	153.32	1,271	250
50,000 lumen .....	218.50	1,880	400
130,000 lumen .....	352.62	4,313	1000
Metal Halide Lamp Sizes:			
12,000 lumen .....	147.29	696	175
20,500 lumen .....	180.49	1,020	250
36,000 lumen .....	241.45	1,620	400
110,000 lumen .....	533.57	4,056	1000

The monthly charge per lamp, is 1/12th of the annual charge.

**FUEL ADJUSTMENT CLAUSE:**

The above charges will be adjusted in an amount provided by the terms and provisions of the Fuel Adjustment Clause, Rider FAC.

**STORM URI COST RECOVERY:**

The above charges will be adjusted to include a charge of \$0.00708 per kWh.

**DETERMINATION OF ENERGY (kWh) USAGE FOR NON-METERED FIXTURES:**

The monthly energy for each type and size of lamp is determined by multiplying the annual kWh listed above, by the monthly usage factor listed in the table below:

Month	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	12 month total
Usage Factor	.103	.089	.087	.075	.070	.064	.067	.073	.079	.091	.098	.104	1.00

DATE OF ISSUE May 28, 2021 DATE EFFECTIVE June 27, 2021  
ISSUED BY Tim Wilson, Vice President, Electric Operations, Joplin, MO

THE EMPIRE DISTRICT ELECTRIC COMPANY d.b.a. LIBERTY

P.S.C. Mo. No. 6 Sec. 3 1st Revised Sheet No. 2

Canceling P.S.C. Mo. No. 6 Sec. 3 Original Sheet No. \_\_\_\_\_

For ALL TERRITORY

**PRIVATE LIGHTING SERVICE  
SCHEDULE PL**

**AVAILABILITY:**

This schedule is available for outdoor lighting service to any retail Customer.

**MONTHLY RATE:**

	<u>Per Lamp</u>	<u>Monthly kWh</u>	<u>Watts</u>
<b>STANDARD STREET LIGHTING CONSTRUCTION:</b>			
Mercury-Vapor Lamp Sizes (No new installations allowed):			
6,800 lumen .....	\$ 16.68	65	175
20,000 lumen .....	27.76	156	400
54,000 lumen .....	53.22	373	1000
Sodium-Vapor Lamp Sizes:			
6,000 lumen .....	15.41	31	70
16,000 lumen .....	22.42	58	150
27,500 lumen .....	32.40	106	250
50,000 lumen .....	37.58	157	400
Metal Halide Lamp Sizes:			
12,000 lumen .....	25.99	59	175
20,500 lumen .....	34.69	85	250
36,000 lumen .....	38.91	135	400
LED:			
7,500-9,500 lumen .....	14.15	31	92
13,000-16,000 lumen .....	20.59	48	143

**STANDARD FLOOD LIGHTING CONSTRUCTION:**

Mercury-Vapor Lamp Sizes (No new installations allowed):			
20,000 lumen .....	38.91	156	400
54,000 lumen .....	64.24	373	1000
Sodium-Vapor Lamp Sizes:			
27,500 lumen .....	37.69	106	250
50,000 lumen .....	51.70	157	400
140,000 lumen .....	75.54	359	1000
Metal Halide Lamp Sizes:			
12,000 lumen .....	26.96	59	175
20,500 lumen .....	35.70	85	250
36,000 lumen .....	52.63	135	400
110,000 lumen .....	76.91	338	1000
LED:			
16,000-19,000 lumen .....	34.62	51	150
28,000-32,000 lumen .....	47.49	74	218

**Additional Charge for installations requiring additions to, or rearrangement of, existing facilities:**

Regular wood pole, per month.....	\$ 2.14
Transformer .....	2.14
Guy and anchor, per month .....	2.14
Overhead conductor, three wire, per foot, per month.....	0.02
Other (miscellaneous) per month.....	1.5% of the estimated installed cost thereof

For installations requiring a large expenditure for additions to, or rearrangements of existing facilities, the total additional charge may be computed at 1.5% of the estimated installed cost thereof per month. Such estimated installed cost excludes the estimated installed cost of materials required for standard construction (see Conditions of Service, No. 1, below).

**FUEL ADJUSTMENT CLAUSE:**

The above charges will be adjusted in an amount provided by the terms and provisions of the Fuel Adjustment Clause, Rider FAC.

**STORM URI COST RECOVERY:**

The above charges will be adjusted to include a charge of \$0.00708 per kWh.

**DETERMINATION OF ENERGY (kWh) FOR NON-METERED FIXTURES:**

The monthly energy (kWh) for each type and size of lamp is listed above.

DATE OF ISSUE May 28, 2021 DATE EFFECTIVE June 27, 2021

ISSUED BY Tim Wilson, Vice President, Electric Operations, Joplin, MO

THE EMPIRE DISTRICT ELECTRIC COMPANY d.b.a. LIBERTY

P.S.C. Mo. No. 6 Sec. 3 1st Revised Sheet No. 3

Canceling P.S.C. Mo. No. 5 Sec. 3 Original Sheet No. \_\_\_\_\_

For ALL TERRITORY

SPECIAL LIGHTING SERVICE  
SCHEDULE LS

AVAILABILITY:

This schedule is available for electric service to sport field lighting, holiday decorative lighting or similar nighttime temporary or seasonal use.

MONTHLY RATE:

For the first 1,000 kWh used, per kWh ..... \$ 0.19349  
For all additional kWh used, per kWh ..... 0.15004

MINIMUM:

The net monthly minimum charge for any month during which electrical energy is used will be \$46.66.

FUEL ADJUSTMENT CLAUSE:

The above charges will be adjusted in an amount provided by the terms and provisions of the Fuel Adjustment Clause, Rider FAC.

STORM URI COST RECOVERY:

The above charges will be adjusted to include a charge of \$0.00708 per kWh.

CONSUMPTION:

Service will normally be delivered and metered hereunder at the secondary voltage available at the service location. Where physical circumstances would normally make it necessary to meter the service at primary voltage, the Company may at its option install a time clock in place of primary metering facilities to measure the hours-use of the service and compute the kilowatt-hours' consumption of the sport field by using the customer's connected load. The connected load used for the calculation will be, determined at the time of installation and at such subsequent times as the Company may deem necessary by actual load check of the customer's facilities. Unmetered dusk to dawn service may be provided, in which case the connected load will be used to determine the kilowatt-hours consumed.

INSTALLATION CHARGE:

In addition to the above charges, a customer of temporary nature will be required to pay the net cost of erection and removal of any special facilities necessary to provide service. Such net cost will include the Company's total expenditure for labor, material, supervision and all other costs necessary to erect and remove facilities for service, less proper credit for actual salvage.

PAYMENT:

Bills will be due on or before twenty-one (21) days after the date thereof.

GROSS RECEIPTS, OCCUPATION OR FRANCHISE TAXES:

There will be added to the Customer's bill, as a separate item, an amount equal to the proportionate part of any license, occupation, franchise, gross or other similar fee or tax now or hereafter imposed upon the Company by any municipality or any other governmental authority, whether imposed by ordinance, franchise, or otherwise, in which the fee or tax is based upon a flat sum payment, a percentage of gross receipts, net receipts, or revenues from the sale of electric service rendered by the Company to the Customer. When such tax or fee is imposed on the Company as a flat sum or sums, the proportionate amount applicable to each Customer's bill shall be determined by relating the annual total of such sum(s) to the Company's total annual revenue from the service provided by this tariff within the jurisdiction of the governmental body and the number of customers located within that jurisdiction. The amounts shall be converted to a fixed amount per customer, so that the amount, when accumulated from all customers within the geographic jurisdiction of the governmental body, will equal the amount of the flat sum(s). The fixed amount per customer shall be divided by 12 and applied to each monthly bill as a separate line item. The amount shall remain the same until the flat sum may be changed by the governmental body, in which case this process shall be adjusted to the new flat sum. The amount shall be modified prospectively by the Company anytime it appears, on an annual basis, that the Company is either over-collecting or under-collecting the amount of the flat sum(s) by more than five percent (5%) on an annual basis. Bills will be increased in the proportionate amount only in service areas where such tax or fee is applicable.

THE EMPIRE DISTRICT ELECTRIC COMPANY d.b.a. LIBERTY

P.S.C. Mo. No. 6 Sec. 3 1st Revised Sheet No. 4

Canceling P.S.C. Mo. No. 6 Sec. 3 Original Sheet No. 4

For ALL TERRITORY

**MISCELLANEOUS SERVICE  
SCHEDULE MS**

**AVAILABILITY:**

This schedule is available for electric service to signal systems or similar unmetered service and to temporary or seasonal use.

**MONTHLY RATE:**

Customer charge .....	\$ 21.00
For all energy used, per kWh.....	\$ 0.11336

**FUEL ADJUSTMENT CLAUSE:**

The above charges will be adjusted in an amount provided by the terms and provisions of the Fuel Adjustment Clause, Rider FAC.

**STORM URI COST RECOVERY:**

The above charges will be adjusted to include a charge of \$0.00708 per kWh.

**CONSUMPTION:**

The connected load will be used to calculate the kilowatt-hours consumed on unmetered service.

**INSTALLATION CHARGE:**

In addition to the above charges, a customer of temporary nature will be required to pay the net cost of erection and removal of any special facilities necessary to provide service. Such net cost will include the Company's total expenditure for labor, material, supervision and all other costs necessary to erect and remove facilities for service, less proper credit for actual salvage.

**PAYMENT:**

Bills will be due on or before twenty-one (21) days after the date thereof.

**GROSS RECEIPTS, OCCUPATION OR FRANCHISE TAXES:**

There will be added to the Customer's bill, as a separate item, an amount equal to the proportionate part of any license, occupation, franchise, gross or other similar fee or tax now or hereafter imposed upon the Company by any municipality or any other governmental authority, whether imposed by ordinance, franchise, or otherwise, in which the fee or tax is based upon a flat sum payment, a percentage of gross receipts, net receipts, or revenues from the sale of electric service rendered by the Company to the Customer. When such tax or fee is imposed on the Company as a flat sum or sums, the proportionate amount applicable to each Customer's bill shall be determined by relating the annual total of such sum(s) to the Company's total annual revenue from the service provided by this tariff within the jurisdiction of the governmental body and the number of customers located within that jurisdiction. The amounts shall be converted to a fixed amount per customer, so that the amount, when accumulated from all customers within the geographic jurisdiction of the governmental body, will equal the amount of the flat sum(s). The fixed amount per customer shall be divided by 12 and applied to each monthly bill as a separate line item. The amount shall remain the same until the flat sum may be changed by the governmental body, in which case this process shall be adjusted to the new flat sum. The amount shall be modified prospectively by the Company anytime it appears, on an annual basis, that the Company is either over-collecting or under-collecting the amount of the flat sum(s) by more than five percent (5%) on an annual basis. Bills will be increased in the proportionate amount only in service areas where such tax or fee is applicable.

**CONDITIONS OF SERVICE:**

1. Service will be furnished for the sole use of the customer and will not be resold, redistributed, or submetered, directly or indirectly.
2. Voltage, phase, and frequency of service supplied will be as approved by the Company.
3. Bills for service will be rendered monthly. Where service is for temporary use, the bill for the current month's service will be rendered immediately on discontinuance of service.
4. The Company Rules and Regulations, P.S.C. Mo. No. 5, Section 5, are a part of this schedule.



THE EMPIRE DISTRICT ELECTRIC COMPANY d.b.a. LIBERTY

P.S.C. Mo. No. 6 Sec. 3 1st Revised Sheet No. 6

Canceling P.S.C. Mo. No. 6 Sec. 3 Original Sheet No. 6

For ALL TERRITORY

MUNICIPAL STREET LIGHTING SERVICE  
LIGHT EMITTING DIODE (LED) TARIFF  
SCHEDULE SPL-LED

**AVAILABILITY:**

This schedule is available for outdoor lighting for streets, alleys, parks, and public places by municipalities served by the Company under the provisions of an Electric Franchise having an original term of not less than ten (10) years, and who have executed, prior to the effective date of this schedule, the Company's standard Municipal Electric Service Agreement (MESA), having an original term of not less than two (2) years.

**ANNUAL STREET LIGHTING CHARGE:**

Light Emitting Diode (LED) Fixtures:	Lumens	Annual Charge per Fixture	Annual kWh	Input Watts
LED 1.....	7,500-9,500	\$ 87.30	380	92
LED 2.....	13,000-16,000	\$117.96	591	143
LED 3.....	19,000-22,000	\$148.35	694	168

The monthly charge per lamp is 1/12th of the annual charge.

**FUEL ADJUSTMENT CLAUSE**

The above charges will be adjusted in an amount provided by the terms and provisions of the Fuel Adjustment Clause, Rider FAC.

**STORM URI COST RECOVERY:**

The above charges will be adjusted to include a charge of \$0.00708 per kWh.

**DETERMINATION OF ENERGY (kWh) USAGE FOR NON-METERED FIXTURES:**

The monthly energy charge for each type of fixture is determined by multiplying the annual kWh listed above, by the monthly usage factor listed in the table below:

Month	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	12 month total
Usage Factor	.103	.089	.087	.075	.070	.064	.067	.073	.079	.091	.098	.104	1.00

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THE EMPIRE DISTRICT ELECTRIC COMPANY d.b.a. LIBERTY

P.S.C. Mo. No. 6 Sec. 4 1st Revised Sheet No. 17i

Canceling P.S.C. Mo. No. 6 Sec. 4 Original Sheet No. \_\_\_\_\_

For ALL TERRITORY

FUEL & PURCHASE POWER ADJUSTMENT CLAUSE  
RIDER FAC  
For service on and after September 16, 2020

The two six-month accumulation periods, the two six-month recovery periods and filing dates are set forth in the following table:

<u>Accumulation Periods</u>	<u>Filing Dates</u>	<u>Recovery Periods</u>
September–February March–August	By April 1 By October 1	June–November December–May

The Company will make a Fuel Adjustment Rate (“FAR”) filing by each Filing Date. The new FAR rates for which a filing is made will be applicable starting with the Recovery Period that begins following the Filing Date. All FAR filings shall be accompanied by detailed workpapers with subaccount detail supporting the filing in an electronic format with all formulas intact.

Upon request by the Company, and with notice to all parties from the Company’s last general rate case, the Commission may grant a variance from any provisions of this FAC Rider for good cause shown.

DEFINITIONS

**ACCUMULATION PERIOD:**

The six calendar months during which the actual costs and revenues subject to this rider will be accumulated for the purpose of determining the FAR.

**RECOVERY PERIOD:**

The billing months during which a FAR is applied to retail customer usage on a per kilowatt-hour (“kWh”) basis.

**BASE ENERGY COST:**

Base energy cost is ordered by the Commission in the last rate case consistent with the costs and revenues included in the calculation of the Fuel and Purchase Power Adjustment (“FPA”).

**BASE FACTOR (“BF”):**

The base factor is the base energy cost divided by net generation kWh determined by the Commission in the last general rate case. BF = \$0.01013 per kWh for each accumulation period.

**ON-PEAK TOU SALES ADJ FOR LOSSES:**

\_\_\_The on-peak sales from TOU customers multiplied by the NSI divided by Total System kWh sales

**OFF-PEAK TOU SALES ADJ FOR LOSSES:**

\_\_\_The off-peak sales from TOU customers multiplied by the NSI divided by Total System kWh sales

**On-Peak FAC BF**

On-Peak FAC BF in the current TOU Tariff

**Off-Peak FAC BF**

Off-Peak FAC BF in the current TOU Tariff

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THE EMPIRE DISTRICT ELECTRIC COMPANY d.b.a. LIBERTY

P.S.C. Mo. No. 6 Sec. 4 1st Revised Sheet No. 17j

Canceling P.S.C. Mo. No. 6 Sec. 4 Original Sheet No. \_\_\_\_\_

For ALL TERRITORY

FUEL & PURCHASE POWER ADJUSTMENT CLAUSE  
RIDER FAC  
For service on and after September 16, 2020

APPLICATION

FUEL & PURCHASE POWER ADJUSTMENT

$$FPA = \{[(FC + PP + E - OSSR - REC - B) * J] * 0.95\} + T + I + P$$

Where:

FC = Fuel Costs Incurred to Support Sales:

The following costs reflected in Federal Energy Regulatory Commission ("FERC") Accounts 501 and 506: coal commodity and railroad transportation, switching and demurrage charges, applicable taxes, natural gas costs, alternative fuels (i.e. tires, and bio-fuel), fuel additives, Btu adjustments assessed by coal suppliers, quality adjustments assessed by coal suppliers, fuel hedging costs, fuel adjustments included in commodity and transportation costs, broker commissions and fees associated with price hedges, oil costs, combustion product disposal revenues and expenses, consumable costs related to Air Quality Control Systems ("AQCS") operation, such as ammonia, lime, limestone, and powdered activated carbon, and settlement proceeds, insurance recoveries, subrogation recoveries for increased fuel expenses in Account 501.

The following costs reflected in FERC Accounts 547 and 548: natural gas generation costs related to commodity, oil, transportation, fuel losses, hedging costs for natural gas and oil, fuel additives, and settlement proceeds, insurance recoveries, subrogation recoveries for increased fuel expenses, broker commissions and fees.

PP = Purchased Power Costs:

1. Costs and revenues for purchased power reflected in FERC Account 555, including all charges under Southwest Power Pool ("SPP") Schedules 1a and 12. Such costs include:

THE EMPIRE DISTRICT ELECTRIC COMPANY

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Canceling P.S.C. Mo. No. \_\_\_\_\_ Sec. \_\_\_\_\_ Original Sheet No. \_\_\_\_\_

For ALL TERRITORY

FUEL & PURCHASE POWER ADJUSTMENT CLAUSE

RIDER FAC

For service on and after September 16, 2020

- A. SPP costs or revenues for SPP's energy and operating market settlement charge types and market settlement clearing costs or revenues including:
- i. Energy;
  - ii. Ancillary Services;
    - a. Regulating Reserve Service
    - b. Energy Imbalance Service
    - c. Spinning Reserve Service
    - d. Supplemental Reserve Service
  - iii. Revenue Sufficiency;
  - iv. Revenue Neutrality;
  - v. Demand Reduction;
  - vi. Grandfathered Agreements;
  - vii. Virtual Energy including Transaction Fees;
  - viii. Pseudo-tie; and
  - ix. Miscellaneous;
- B. Non-SPP costs or revenue as follows:
- i. If received from a centrally administered market (e.g. PJM / MISO), costs or revenues of an equivalent nature to those identified for the SPP costs or revenues specified in sub part A of part 1 above;
  - ii. If not received from a centrally administered market:
    - a. Costs for purchases of energy; and
    - b. Costs for purchases of generation capacity, provided such capacity is acquired for a term of one (1) year or less; and
- C. Settlements, insurance recoveries, and subrogation recoveries for purchased power expenses.
2. Costs of purchased power will be reduced by expected replacement power insurance recoveries qualifying as assets under Generally Accepted Accounting Principles.
3. Transmission service costs reflected in FERC Account 565:

THE EMPIRE DISTRICT ELECTRIC COMPANY d.b.a. LIBERTY

P.S.C. Mo. No. 6 Sec. 4 1st Original Sheet No. 171

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For ALL TERRITORY

FUEL & PURCHASE POWER ADJUSTMENT CLAUSE

RIDER FAC

For service on and after September 16, 2020

- A. One hundred percent (100%) of SPP costs associated with Network Transmission Service:
  - i. SPP Schedule 2 – Reactive Supply and Voltage Control from Generation or Other Sources Service;
  - ii. SPP Schedule 3 – Regulation and Frequency Response Service; and
  - iii. SPP Schedule 11 – Base Plan Zonal Charge and Region-wide Charge.
- B. One hundred percent (100%) of Mid-Continent Independent System Operator (“MISO”) costs associated with:
  - i. Network transmission service;
  - ii. Point-to-point transmission service;
  - iii. System control and dispatch; and
  - iv. Reactive supply and voltage control.
- C. One hundred percent (100%) of the SPP revenue associated with:
  - i. Point to point transmission service;
  - ii. Schedule 11 transmission service; and
  - iii. Schedule 1 transmission service (relative to native load).
4. Costs and revenues not specifically detailed in Factors FC, PP, E, or OSSR shall not be included in the Company’s FAR filings; provided however, in the case of Factors PP or OSSR the market settlement charge types under which SPP or another market participant bills / credits a cost or revenue need not be detailed in Factors PP or OSSR for the costs or revenues to be considered specifically detailed in Factors PP or OSSR; and provided further, should the SPP or another market participant implement a new charge type, exclusive of changes in transmission revenue. The list of sub-accounts included will be provided in the FAC Monthly Reports.
  - A. The Company may include the new charge type cost or revenue in its FAR filings if the Company believes the new charge type cost or revenue possesses the characteristics of, and is of the nature of, the costs or revenues listed in factors PP or OSSR, as the case may be, subject to the requirement that the Company make a filing with the Commission as outlined in B below and also subject to another party’s right to challenge the inclusion as outlined in E. below;
  - B. The Company will make a filing with the Commission giving the Commission notice of the new charge type no later than 60 days prior to the Company including the new charge type cost or revenue in a FAR filing. Such filing shall identify the proposed accounts affected by such new charge type cost or revenue, provide a description of the new charge type demonstrating that it possesses the characteristics of, and is of the nature of, the costs or revenues listed in factors PP or OSSR as the case may be, and identify the preexisting market settlement charge type(s) which the new charge type replaces or supplements;
  - C. The Company will also provide notice in its monthly reports required by the Commission's fuel adjustment clause rules that identifies the new charge type costs or revenues by amount, description and location within the monthly reports;
  - D. The Company shall account for the new charge type costs or revenues in a manner which allows for the transparent determination of current period and cumulative costs or revenues;

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THE EMPIRE DISTRICT ELECTRIC COMPANY d.b.a. LIBERTY

P.S.C. Mo. No. 6 Sec. 4 Original Sheet No. 17m

Canceling P.S.C. Mo. No. \_\_\_\_\_ Sec. \_\_\_\_\_ Original Sheet No. \_\_\_\_\_

For ALL TERRITORY

FUEL & PURCHASE POWER ADJUSTMENT CLAUSE  
RIDER FAC  
For service on and after September 16, 2020

- E. If the Company makes the filing provided for by B above and a party challenges the inclusion, such challenge will not delay approval of the FAR filing. To challenge the inclusion of a new charge type, a party shall make a filing with the Commission based upon the contention that the new charge type costs or revenues at issue should not have been included, because they do not possess the characteristics of the costs or revenues listed in Factors PP or OSSR, as the case may be. A party wishing to challenge the inclusion of a charge type shall include in its filing the reasons why it believes the Company did not show that the new charge type possesses the characteristic of the costs or revenues listed in Factors PP or OSSR, as the case may be, and its filing shall be made within 30 days of the Company's filing under B above. In the event of a timely challenge, the Company shall bear the burden of proof to support its decision to include a new charge type in a FAR filing. Should such challenge be upheld by the Commission, any such costs will be refunded (or revenues retained) through a future FAR filing in a manner consistent with that utilized for Factor P; and
- F. A party other than the Company may seek the inclusion of a new charge type in a FAR filing by making a filing with the Commission no less than 60 days before the Company's next FAR filing. Such a filing shall give the Commission notice that such party believes the new charge type should be included because it possesses the characteristics of, and is of the nature of, the costs or revenues listed in factors PP or OSSR, as the case may be. The party's filing shall identify the proposed accounts affected by such new charge type cost or revenue, provide a description of the new charge type demonstrating that it possesses the characteristics of, and is of the nature of, the costs or revenues listed in factors PP or OSSR as the case may be, and identify the preexisting market settlement charge type(s) which the new charge type replaces or supplements. If a party makes the filing provided for by this paragraph F and a party (including the Company) challenges the inclusion, such challenge will not delay inclusion of the new charge type in the FAR filing or delay approval of the FAR filing. To challenge the inclusion of a new charge type, the challenging party shall make a filing with the Commission based upon that party's contention that the new charge type costs or revenues at issue should not have been included, because they do not possess the characteristics of the costs or revenues listed in Factors PP or OSSR, as the case may be. The challenging party shall make its filing challenging the inclusion and stating the reasons why it believes the new charge type does not possess the characteristic of the costs or revenues listed in Factors PP or OSSR, as the case may be, within 30 days of the filing that seeks inclusion of the new charge type. In the event of a timely challenge, the party seeking the inclusion of the new charge type shall bear the burden of proof to support its contention that the new charge type should be included in the Company's FAR filings. Should such challenge be upheld by the Commission, any such costs will be refunded (or revenues retained) through a future FAR filing in a manner consistent with that utilized for Factor P.

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P.S.C. Mo. No. 6 Sec. 4 1st Original Sheet No. 17n

Canceling P.S.C. Mo. No. 6 Sec. 4 Original Sheet No. \_\_\_\_\_

For ALL TERRITORY

FUEL & PURCHASE POWER ADJUSTMENT CLAUSE

RIDER FAC

For service on and after September 16, 2020

E = Net Emission Costs: The following costs and revenues reflected in FERC Accounts 509 and 411 (or any other account FERC may designate for emissions expense in the future): emission allowance costs offset by revenues from the sale of emission allowances including any associated hedging.

OSSR = Revenue from Off-System Sales (Excluding revenue from full and partial requirements sales to municipalities with the exception of the revenue received net of cost from the sale of energy to the Southwest Missouri Power Electric Pool for service from June 1, 2020 – May 31, 2025 and including the net wind revenues from North Fork Ridge, Neosho Ridge, and Kings Point):

The following revenues or costs reflected in FERC Account 447: all revenues from off-system sales and SPP energy and operating market including (see Note A. below):

- i. Energy;
- ii. Capacity Charges associated with Contracts shorter than 1 year;
- iii. Ancillary Services including:
  - a. Regulating Reserve Service
  - b. Energy Imbalance Service
  - c. Spinning Reserve Service
  - d. Supplemental Reserve Service
- iv. Revenue Sufficiency;
- v. Losses;
- vi. Revenue Neutrality;
- vii. Demand Reduction;
- viii. Grandfathered Agreements;
- ix. Pseudo-tie;
- x. Miscellaneous; and
- xi. Hedging.

REC = Renewable Energy Credit Revenue reflected in FERC Account 456 from the sale of Renewable Energy Credits that are not needed to meet the Renewable Energy Standard.

HEDGING COSTS:

Hedging costs are defined as realized losses and costs (including broker commission fees and margins) minus realized gains associated with mitigating volatility in the Company's cost of fuel, fuel additives, fuel transportation, emission allowances and purchased power costs, including but not limited to, the Company's use of derivatives whether over-the-counter or exchanged traded including, without limitation, futures or forward contracts, puts, calls, caps, floors, collars and swaps.

Should FERC require any item covered by factors FC, PP, E, REC or OSSR to be recorded in an account different than the FERC accounts listed in such factors, such items shall nevertheless be included in factor FC, PP, E, REC or OSSR. In the month that the Company begins to record items in a different account, the Company will file with the Commission the previous account number, the new account number and what costs or revenues that flow through this Rider FAC are to be recorded in the account.

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THE EMPIRE DISTRICT ELECTRIC COMPANY d.b.a. LIBERTY

P.S.C. Mo. No. 6 Sec. 4 1st Original Sheet No. 17o

Canceling P.S.C. Mo. No. 6 Sec. 4 Original Sheet No. \_\_\_\_\_

For ALL TERRITORY

FUEL & PURCHASE POWER ADJUSTMENT CLAUSE

RIDER FAC

For service on and after September 16, 2020

UB = Unadjusted net base energy cost is calculated as follows:

$$UB = (S_{AP} * \$0.01013)$$

$$TOU \text{ NBEC Adj} = (\text{On-Peak TOU Sales Adj for losses} * \text{On-Peak FAC BF} + \text{Off-Peak TOU Sales Adj for losses} * \text{Off-Peak FAC BF}) + [(S_{AP} - \text{On-Peak TOU Sales Adj for losses} - \text{Off-Peak TOU Sales adj for losses}) * \text{BF}] - UB$$

$$B = UB + TOU \text{ NBEC Adj}$$

$S_{AP}$  = Actual net system input at the generation level for the accumulation period.

$$J = \frac{\text{Missouri retail kWh sales}}{\text{Total system kWh sales}}$$

Where Total system kWh sales includes sales to municipalities that are associated with Empire and excludes off-system sales.

T = True-up of over/under recovery of FAC balance from prior recovery period as included in the deferred energy cost balancing account. Adjustments by Commission order pursuant to any prudence review shall also be placed in the FPA for collection unless a separate refund is ordered by the Commission.

I = Interest applicable to (i) the difference between Total energy cost (FC + PP + E – OSSR – REC) and Net base energy costs (“B”) multiplied by the Missouri energy ratio (“J”) for all kWh of energy supplied during an AP until those costs have been billed; (ii) refunds due to prudence reviews (“P”), if any; and (iii) all under- or over-recovery balances created through operation of this FAC, as determined in the true-up filings (“T”) provided for herein. Interest shall be calculated monthly at a rate equal to the weighted average interest paid on the Company’s short-term debt, applied to the month-end balance of items (i) through (iii) in the preceding sentence.

P = Prudence disallowance amount, if any, as defined below.

FUEL ADJUSTMENT RATE

The FAR is the result of dividing the FPA by estimated recovery period  $S_{RP}$  kWh, rounded to the nearest \$0.00000. The FAR shall be adjusted to reflect the differences in line losses that occur at primary and secondary voltage by multiplying the average cost at the generator by 1.0429 and 1.0625, respectively. Any FAR authorized by the Commission shall be billed based upon customers’ energy usage on and after the authorized effective date of the FAR. The formula for the FPA is displayed below

$$FAR = \frac{FPA}{S_{RP}}$$

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THE EMPIRE DISTRICT ELECTRIC COMPANY d.b.a. LIBERTY

P.S.C. Mo. No. 6 Sec. 4 Original Sheet No. 17p

Canceling P.S.C. Mo. No. \_\_\_\_\_ Sec. \_\_\_\_\_ Original Sheet No. \_\_\_\_\_

For ALL TERRITORY

FUEL & PURCHASE POWER ADJUSTMENT CLAUSE

RIDER FAC

For service on and after September 16, 2020

Where:

$S_{RP}$  = Forecasted Missouri NSI kWh for the recovery period.

= Forecasted total system NSI \*  $\frac{\text{Forecasted Missouri retail kWh sales}}{\text{Forecasted total system kWh sales}}$

Where Forecasted total system NSI kWh sales includes sales to municipalities that are associated with Empire and excludes off-system sales.

GENERAL RATE CASE/PRUDENCE REVIEW

The following shall apply to this FAC, in accordance with Section 386.266.5, RSMo. and applicable Missouri Public Service Commission Rules governing rate adjustment mechanisms established under Section 386.266, RSMo:

The Company shall file a general rate case with the effective date of new rates to be no later than four years after the effective date of a Commission order implementing or continuing this FAC. The four-year period referenced above shall not include any periods in which the Company is prohibited from collecting any charges under this FAC, or any period for which charges hereunder must be fully refunded. In the event a court determines that this FAC is unlawful and all moneys collected hereunder are fully refunded, the Company shall be relieved of the obligation under this FAC to file such a rate case.

Prudence reviews of the costs subject to this FAC shall occur no less frequently than every eighteen months, and any such costs which are determined by the Commission to have been imprudently incurred or incurred in violation of the terms of this rider shall be returned to customers. Adjustments by Commission order, if any, pursuant to any prudence review shall be included in the FAR calculation in P above unless a separate refund is ordered by the Commission. Interest on the prudence adjustment will be included in I above.

TRUE-UP OF FPA

In conjunction with an adjustment to its FAR, the Company will make a true-up filing with an adjustment to its FAC on the first Filing Date that occurs after completion of each Recovery Period. The true-up adjustment shall be the difference between the FPA revenues billed and the FPA revenues authorized for collection during the true-up recovery period, i.e. the true-up adjustment. Any true-up adjustments or refunds shall be reflected in item T above and shall include interest calculated as provided for in item I above.

THE EMPIRE DISTRICT ELECTRIC COMPANY d.b.a. LIBERTY

P.S.C. Mo. No. 6 Sec. 4 2nd Revised Sheet No. 17g

Canceling P.S.C. Mo. No. 6 Sec. 4 1st Revised Sheet No. 17g

For ALL TERRITORY

FUEL & PURCHASE POWER ADJUSTMENT CLAUSE  
RIDER FAC  
For service on and after December 1, 2020

	Accumulation Period Ending		
1	Total Energy Cost (TEC) = (FC + PP + E – OSSR - REC)		
2	Net Base Energy Cost (B) = (UB + TOU NBEC Adj)	-	
	2.1 Base Factor (BF)		
	2.2 Unadjusted Net Based Energy Cost (UB)		
	2.3 Time-of-use Net Base Energy Cost Adjustment (TOU NBEC Adj)		
	2.4 Accumulation Period NSI (S <sub>AP</sub> )		
3	(TEC-B)		
4	Missouri Energy Ratio (J)	*	
5	(TEC - B) * J		
6	Fuel Cost Recovery	*	
7	(TEC - B) * J * 0.95		
8	True-Up Amount (T)	+	
9	Prudence Adjustment Amount (P)	+	
10	Interest (I)	+	
11	Fuel and Purchased Power Adjustment (FPA)	=	
12	Forecasted Missouri NSI (S <sub>RP</sub> )	÷	
13	Current Period Fuel Adjustment Rate (FAR)	=	
14	Current Period FAR <sub>PRIM</sub> = FAR x VAF <sub>PRIM</sub>		
15	Current Period FAR <sub>SEC</sub> = FAR x VAF <sub>SEC</sub>		
16	VAF <sub>PRIM</sub> = 1.0464		
17	VAF <sub>SEC</sub> = 1.0657		

<sup>1</sup>The Missouri Energy Ratio (J), on line 4, is calculated by dividing the Missouri retail kWh sales by the Total system kWh sales for the current accumulation period as specified by the tariff.

<sup>2</sup>The (TEC-B)\*J, on line 5, is calculated by taking the sum of (TEC-B)\*J for each month of the accumulation period. Therefore, because each month is weighted differently, the amount on line 5 will not necessarily equal the product of lines three and four.

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THE EMPIRE DISTRICT ELECTRIC COMPANY d.b.a. LIBERTY

P.S.C. Mo. No. 6 Sec. 4 2nd Revised Sheet No. 17g

Canceling P.S.C. Mo. No. 6 Sec. 4 1st Revised Sheet No. 17g

For ALL TERRITORY

FUEL & PURCHASE POWER ADJUSTMENT CLAUSE RIDER FAC For service on and after December 1, 2020
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THE EMPIRE DISTRICT ELECTRIC COMPANY d.b.a. LIBERTY

P.S.C. Mo. No. 6 Sec. 4 1st Revised Sheet No. 18

Canceling P.S.C. Mo. No. 6 Sec. 4 Original Sheet No. 18

For ALL TERRITORY

OPTIONAL TIME OF USE ADJUSTMENT  
RIDER OTOU

AVAILABILITY:

This rider is closed to additional enrollment.

This rider will be available to any Customer currently served on one of the following rate schedules:

<u>Service</u>	<u>Rate Schedule</u>
Residential Service	RG
Commercial Service	CB
Small Heating Service	SH
General Power Service	GP
Total Electric Building	TEB
Large Power Service	LP

Availability is limited to the following:

<u>Service</u>	<u>Customers</u>
Residential Service	50
Commercial Service	50
Small Heating Service	50
General Power Service	5
Total Electric Building	5
Large Power Service	3

CUSTOMER CHARGE ADJUSTMENTS:

	<u>Charge</u>
Residential Service.....	\$ 10.00
Commercial Service or Small Heating Service:	
Single Phase.....	10.00
Three Phase.....	15.00
General Power or Total Electric Building.....	13.69
Large Power Service.....	0.00

ENERGY ADJUSTMENT PER kWh:

	<u>Summer Season</u>	<u>Winter Season</u>
RG:		
On-Peak period.....	\$ 0.0275	\$ 0.0015
Shoulder period.....	(0.0042)	
Off-Peak period.....	(0.0104)	(0.0011)
CB or SH:		
On-Peak period.....	0.0232	0.0006
Shoulder period.....	(0.0044)	
Off-Peak period.....	(0.0101)	(0.0007)
GP or TEB:		
On-Peak period.....	0.0235	0.0009
Shoulder period.....	(0.0024)	
Off-Peak period.....	(0.0085)	(0.0008)
LP:		
On-Peak period.....	0.0221	0.0010
Shoulder period.....	(0.0009)	
Off-Peak period.....	(0.0070)	(0.0008)

Adjustments are in addition to the current rate schedule prices.

THE EMPIRE DISTRICT ELECTRIC COMPANY d.b.a. LIBERTY

P.S.C. Mo. No. 6 Sec. 4 Original Sheet No. 25

Canceling P.S.C. Mo. No. \_\_\_\_\_ Sec. \_\_\_\_\_ Original Sheet No. \_\_\_\_\_

For ALL TERRITORY

**TRANSMISSION SERVICE  
SCHEDULE TS**

**AVAILABILITY:**

This schedule is available for electric service to any general service customer ("Customer") who has signed a service contract with LIBERTY. The Company shall supply, sell and deliver electric power at transmission or substation voltage, and the Customer shall take and pay for said power under the provisions of the service contract.

**MONTHLY RATE:**

	Summer Season	Winter Season
CUSTOMER ACCESS CHARGE .....	\$ 275.00	\$ 275.00
ON-PEAK DEMAND CHARGE		
Per kW of Billing Demand .....	\$ 28.43	\$ 19.33
SUBSTATION FACILITIES CHARGE		
Per kW of Facilities Demand .....	\$ 0.570	\$ 0.570
ENERGY CHARGE, per kWh:		
On-Peak Period .....	\$ 0.05874	\$ 0.04084
Shoulder Period .....	\$ 0.04690	
Off-Peak Period .....	\$ 0.03556	\$ 0.03341

The Summer Season will be the first four monthly billing periods billed on and after June 16, and the Winter Season will be the remaining eight monthly billing periods of the calendar year. The On-Peak hours will be weekdays, excluding holidays, from 12:00 p.m. through 7:00 p.m. during the Summer Season and 6:00 a.m. through 10:00 p.m. during the Winter Season. The Shoulder hours will be weekends from 12:00 p.m. through 9:00 p.m. and weekdays from 9:00 a.m. through 12:00 p.m. and 7:00 p.m. through 10:00 p.m. during the Summer Season. All other hours are Off-Peak. Holidays include New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas Day, as specified by the North American Electric Reliability Council (NERC).

**FUEL ADJUSTMENT CLAUSE:**

The above charges will be adjusted in an amount provided by the terms and provisions of the Fuel Adjustment Clause, Rider FAC.

**ENERGY EFFICIENCY COST RECOVERY:**

The above charges will be adjusted to include a charge of \$0.00045 per kWh on all customers who have not declined to participate in Company's energy efficiency programs under P.S.C. Rule 4 CSR 240-20.094(6).

**STORM URI COST RECOVERY:**

The above charges will be adjusted to include a charge of \$0.00708 per kWh.

**DETERMINATION OF DEMANDS (CPD, MFD, ID):**

An appropriate level of demand at the time of the Company's system peak shall be determined for the Customer under this Schedule. This Customer Peak Demand ("CPD") shall be either the Customer's actual maximum measured kW demand during a peak period, or a calculated amount based upon conditions involving the Customer's actual or expected operations, and agreed upon between Company and the Customer.

**CURTAILMENT LIMITS:**

Curtailment limits shall be set by the Company's Interruptible Service tariff or the Customer's curtailment contract.

**DETERMINATION OF BILLING DEMAND:**

The monthly "On-Peak Demand" shall be determined as being the highest fifteen (15) minute integrated kilowatt demand registered by a suitable demand meter during the peak hours as stated above. In no event shall the Peak Demand be less than the lesser of 6000 kW or Customer's MFD for Customers that have contracted interruptible capacity as specified in the contract or any future amendments thereto.

**DETERMINATION OF MONTHLY FACILITIES DEMAND:**

The monthly "Substation Facilities Demand" shall be determined as being the highest fifteen (15) minute integrated demand registered by a suitable demand meter during all hours. In no event shall Substation Facility Demand, if applicable be less than the greater of 6000 kW and Customer's CPD for Customers that have contracted interruptible capacity as specified in the contract or any future amendments thereto.

**METERING ADJUSTMENT:**

The above rates apply for service metered at transmission voltage. Where service is metered at substation voltage, metered kilowatts and kilowatt-hours will be increased prior to billing by multiplying metered kilowatts and kilowatt-hours by 1.0086.

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THE EMPIRE DISTRICT ELECTRIC COMPANY d.b.a. LIBERTY

P.S.C. Mo. No. 6 Sec. 4 Original Sheet No. 25a

Canceling P.S.C. Mo. No. \_\_\_\_\_ Sec. \_\_\_\_\_ Original Sheet No. \_\_\_\_\_

For ALL TERRITORY

**TRANSMISSION SERVICE  
SCHEDULE TS**

**MINIMUM MONTHLY BILL:**

The net minimum bill, after any interruptible credits, shall be the Customer Charge plus any Substation Facilities Charge plus any Demand Charges applicable to the current Maximum Firm Demand ("MFD"). In no event shall the interruptible credit be greater than the Demand Charge.

The CPD shall be specified in the curtailment contract. The curtailment contract shall also specify an amount of kW demand which the Customer can curtail or otherwise not cause to be placed on the Company's system by the Customer agreeing to a maximum level of demand during periods of requested interruption. The MFD of the Customer shall be specified in the curtailment contract. The MFD shall be the level of demand which the Customer agrees not to exceed during periods of requested interruption in return for receiving credits under the curtailment contract. For verification purposes, the Customer shall be required to demonstrate, at the Company's request, its ability to curtail its operations to the MFD level. The difference between the CPD and the MFD, to be known as the Interruptible Demand ("ID"), expressed in kW, shall be the demand upon which credits under this Schedule shall be available to the Customer.

The Customer shall be permitted to specify two sets of seasonal CPD's and MFD's. However the CPD's and MFD's must be specified in a manner that the numerical resultant "ID" amount is the same in each season.

**SUBSTATION FACILITIES CHARGE:**

The above Substation Facilities Charge does not apply if the stepdown substation and transformer are owned by the Customer.

**PAYMENT:**

The above rate applies only if the bill is paid on or before fifteen (15) days after the date thereof. If not so paid, the above rate plus 5% then applies.

**MONTHLY CREDIT:**

If applicable, monthly credit according to the Customer's curtailment contract on demand reduction per kW of contracted interruptible demand for substation metered Customers will be applied.

**GROSS RECEIPTS, OCCUPATION OR FRANCHISE TAXES:**

There will be added to the Customer's bill, as a separate item, an amount equal to the proportionate part of any license, occupation, franchise, gross or other similar fee or tax now or hereafter imposed upon the Company by any municipality or any other governmental authority, whether imposed by ordinance, franchise, or otherwise, in which the fee or tax is based upon a flat sum payment, a percentage of gross receipts, net receipts, or revenues from the sale of electric service rendered by the Company to the Customer. When such tax or fee is imposed on the Company as a flat sum or sums, the proportionate amount applicable to each Customer's bill shall be determined by relating the annual total of such sum(s) to the Company's total annual revenue from the service provided by this tariff within the jurisdiction of the governmental body and the number of customers located within that jurisdiction. The amounts shall be converted to a fixed amount per customer, so that the amount, when accumulated from all customers within the geographic jurisdiction of the governmental body, will equal the amount of the flat sum(s). The fixed amount per customer shall be divided by 12 and applied to each monthly bill as a separate line item. The amount shall remain the same until the flat sum may be changed by the governmental body, in which case this process shall be adjusted to the new flat sum. The amount shall be modified prospectively by the Company anytime it appears, on an annual basis, that the Company is either over-collecting or under-collecting the amount of the flat sum(s) by more than five percent (5%) on an annual basis. Bills will be increased in the proportionate amount only in service areas where such tax or fee is applicable.

THE EMPIRE DISTRICT ELECTRIC COMPANY d.b.a. LIBERTY

P.S.C. Mo. No. 6 Sec. 4 Original Sheet No. 26

Cancelling P.S.C. Mo. No. \_\_\_\_\_ Sec. \_\_\_\_\_ Original Sheet No. \_\_\_\_\_

For ALL TERRITORY

RENEWABLE ENERGY PURCHASE  
SCHEDULE REP

PURPOSE:

The purpose of this REP Schedule ("Schedule") is to offer non-residential customers the opportunity to offset the carbon emissions of up to 100% of their electricity consumption through the purchase of renewable energy certificates ("RECs") associated with the Company's wind facilities.

AVAILABILITY:

This Schedule is available to any customer currently served on one of the following rate schedules and who purchases their electricity from the Company:

<u>Service</u>	<u>Rate Schedules</u>
Commercial Service	CB
Small Heating Service	SH
General Power	GP
Total Electric Building	TEB
Large Power Service	LP

Participation in this Schedule is limited by the availability of RECs associated with the Company's wind facilities. If the total annual enrolled consumption from customers participating under this Schedule equals or exceeds the availability of RECs associated with the Company's wind facilities, the Company may suspend the availability of this Schedule to new participants.

A customer may purchase RECs equivalent to a percentage of their total monthly billed consumption. A customer may only purchase RECs in increments of 25% to up to 100% of their electricity consumption.

All RECs purchased through this Schedule will be retired on the customer's behalf.

RATE:

A customer taking service under this Schedule will be responsible for all charges and rates specified in the customer's otherwise applicable rate schedule. All terms and conditions of the otherwise applicable rate schedule, including payment terms, must be adhered to.

The rate will be updated on an annual basis. The rate for the RECs supplied under this Schedule will be calculated as the average weighted price for the Company's REC sales for the previous calendar year, beginning 12-months ending December 31, 2021. Subsequent and updated REC rates will be submitted as revisions to this Schedule by February 1<sup>st</sup> each year and shall become effective upon approval with the first billing cycle in March.

REC Rate per kWh  
\$X.XXXX

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P.S.C. Mo. No. 6 Sec. 4 Original Sheet No. 26a

Cancelling P.S.C. Mo. No. \_\_\_\_\_ Sec. \_\_\_\_\_ Original Sheet No. \_\_\_\_\_

For ALL TERRITORY

RENEWABLE ENERGY PURCHASE SCHEDULE REP
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On a quarterly basis, the Company shall perform a review of the previous three months' average weighted price ("Quarterly Review") for the Company's REC sales to the schedule's REC Rate. If the REC Rate is outside a five percent threshold as compared to the Quarterly Review, the REC Rate will be recalculated as the weighted average price for the most recent 12-month ending period. This updated REC Rate shall become effective with the first billing cycle of the following month.

Proceeds from the sale of RECs, net of any transaction costs, will be credited to customers through the Company's fuel adjustment clause rider.

SPECIAL TERMS AND PROVISIONS:

1. A customer must execute a REP service agreement which provides for the purchase of RECs associated with the Company's wind facilities. The customer will be responsible for all the costs associated with such agreement up to a specified electricity percentage not to exceed the customer's total electricity consumption.
2. The term of the REP service agreement is a minimum of one year. The REP service agreement shall be automatically renewed at the end of each term unless termination of this Schedule is specifically requested with at least 30 days' notice from the customer.
3. A new or existing customer taking service from the eligible rate schedules ("eligible accounts") with multiple eligible accounts may aggregate any – up to all – of its eligible accounts under a single REP service agreement with the Company.
4. New or existing customers belonging to the eligible rate schedules will not be allowed to aggregate with other customers under a single REP service agreement.

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